

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

YAMAMOTO, N. et al.

Atty. Ref.: 900-420

Serial No. unknown

Group:

Filed: March 5, 2002

Examiner:

For: POLYMER ELECTROLYTE FUEL CELL

* * * * *

March 5, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

Responsive to the Official Action dated (for which petition is hereby made for a one month extension of time), please amend the above-identified application as follows:

IN THE CLAIMS

Please substitute the following amended claims for corresponding claims previously presented. A copy of the amended claims showing current revisions is attached.

4. A fuel cell according to claim 1, wherein the biochemical catalyst comprises one or more selected from hydrogen-generative anaerobic bacteria, hydrogen-generative yeasts and hydrogen-generative enzymes.

5. A fuel cell according to claim 1, wherein the biochemical catalyst comprises a combination of *Clostridium butyricum* and formate-hydrogen lyase.

6. A fuel cell according to claim 1, wherein the material for fuel is selected from oxygen-containing hydrocarbons such as alcohols, polysaccharides, aldehydes, ketones and carboxylic acids.

7. A fuel cell according to claim 1, wherein the material for fuel is in the form of an aqueous solution.

REMARKS

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page(s) is captioned "**Version With Markings To Show Changes Made.**"

Respectfully submitted,

NIXON & VANDERHYTE P.C.

By: _____



H. Warren Burnam, Jr.

Reg. No. 29,366

HWB:ecb

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

4. A fuel cell according to claim 1-~~or~~3, wherein the biochemical catalyst comprises one or more selected from hydrogen-generative anaerobic bacteria, hydrogen-generative yeasts and hydrogen-generative enzymes.

5. A fuel cell according to claim 1-~~or~~3, wherein the biochemical catalyst comprises a combination of Clostridium butyricum and formate-hydrogen lyase.

6. A fuel cell according to claim 1-~~or~~3, wherein the material for fuel is selected from oxygen-containing hydrocarbons such as alcohols, polysaccharides, aldehydes, ketones and carboxylic acids.

7. A fuel cell according to claim 1-~~or~~3, wherein the material for fuel is in the form of an aqueous solution.